bio-protocol Preprint

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3-D printing of window and clip

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An abbreviated version of this protocol was published in Science in Apr 2020

Intravital imaging of mouse embryos

DOI: 10.1126/science.aba0210

Detailed protocol

1. The window frames and 3D-printed clip to stabilize the window were designed by SOLIDWORKS. Then the window frames were printed out by Materialise company, and the 3-D printed clip to stabilize the window was printed by a Ultiamaker 2+ 3D printer. Zip files attached the files of the frames and clip. The circular window and clip can also be ordered from the APJ trading company described as Brain Titanium Chamber KIT.
2. The clips to fix the glass to the window frames were made by steel wire.

Related files

window design.zip

How to cite:（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Huang, Q. , Jaenisch, R. and Shen, X. (2021). 3-D printing of window and clip. Bio-protocol Preprint. bio-protocol.org/prep1067.
2. Huang, Q., Cohen, M. A., Alsina, F. C., Devlin, G., Garrett, A., McKey, J., Havlik, P., Rakhilin, N., Wang, E., Xiang, K., Mathews, P., Wang, L., Bock, C., Ruthig, V., Wang, Y., Negrete, M., Wong, C. W., Murthy, P. K. L., Zhang, S., Daniel, A. R., Kirsch, D. G., Kang, Y., Capel, B., Asokan, A., Silver, D. L., Jaenisch, R. and Shen, X.(2020). Intravital imaging of mouse embryos . Science 368(6487). DOI: 10.1126/science.aba0210

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